

1 **MOBILE DEVICE AND DISK DRIVE RESTRICTED FROM READING A DATA**
2 **STORAGE ZONE IN A MOBILE ENVIRONMENT**

3 **ABSTRACT OF THE DISCLOSURE**

4 The invention may be embodied in a disk drive for use in a mobile device. The mobile
5 device may be a hand held computing device such as a personal digital assistant (PDA) or a
6 mobile terminal such as a cellular telephone. The mobile device includes a host processor for
7 accessing data on the disk drive. The disk drive has a rotating disk media and a moveable
8 read/write head disposed over the disk media. The disk media is divided into a first data storage
9 zone and a second data storage zone. The data storage zones are radially disposed in discrete
10 areas of the disk media and each zone has a plurality of tracks for storing data. The mobile
11 device may read data from the first data storage zone when the mobile device is in a mobile
12 environment. The mobile device may read data from the second data storage zone only when the
13 mobile device is in a non-mobile environment and may not read data from the second data
14 storage zone when the mobile device is in a mobile environment.